Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 31 Dec 2020 until 23:59 on Friday 01 Jan 2021

Forecast Issued on Thursday 31 Dec 2020 at 02:47

Confidence: High for the cold northerly flow at first, which veers to a milder showery easterly from Sunday, but confidence lowering for the detail of timings, intensity and snow levels on worst of the weather.

Headline for Thursday 31 Dec 2020: Freezing fog and wintry showers.

Mountain weather hazards on Thursday 31 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG			
Fog	Fog	Fog	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability					
30%	40%	30%	40%	20%	20%

Forecast for Thursday 31 Dec 2020

Weather: A cold start with freezing fog patches, reluctant to lift and possibly lasting into the afternoon. Snow showers are also expected at times, these generally light and confined to the west and northwest. Some drier, brighter conditions later. Further freezing fog patches developing during the evening.

Chance of cloud free mountain/hill tops above 600m: 10% during the morning as fog tends to linger. 20-30% during the afternoon otherwise, with bases around 150m.

Visibility: Poor or very poor initially, with neighbouring hills barely visible but slowly improving through the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 31 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 W	9/12 W	7/9 NW	5/7 N	6/9 N	7/9 NW	8/12 NW
300	4/6 SE	6/8 SW	4/6 W	4/5 NW	5/6 N	4/6 W	5/7 W
Valley	2/5 SE	2/6 S	2/4 W	3/5 N	2/5 N	1/5 NW	1/6 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-7	-2/-6	-2/-5	-2/-6	-2/-6	-2/-6
300	-1/-4	-0/-4	0/-2	0/-2	-1/-3	-1/-3	-1/-4
Valley	-1/-3	-1/-2	0/-1	1/-1	-1/-3	-1/-3	-1/-3
Freezing Level*	100m	200m	200m	300m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fog is likely to be thin in places, with summits being visible.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 31 Dec 2020	0.6mm	0.8mm	1mm

Forecast for Friday 01 Jan 2021

Weather: Sunshine and occasional shower with snow level around 500m. Outbreaks dying away from the west through the afternoon, with most dry with clear skies for the evening.

Maximum wind: North or Northwest initially 15-20mph with gusts 30mph, decreasing gradually from mid-day.

Chance of cloud free mountain/hill tops above 600m: 70% becoming 95% plus from late afternoon, with bases lowering to 450-650m sporadically as showers push through.

Visibility: Good or very good with distant hills clearly visible but reducing quickly in and around any showers, with neighbouring hills becoming barely visible at times.

Temperature: **Valleys:** Minus 5 Celsius rising Plus 03 Celsius during the afternoon
At 600m: Zero Celsius lowering minus 3 Celsius later
Freezing level: 600m lowering to near sea level later

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